AMENDMENTS TO THE SPECIFICATION

Please replace Table II with the following table:

Time Slot	Time of Day	Basal Rate	Interval Rate	Total Rate	Drug Delivered
1	00:00 hours – 03:00 hours	20 mg/hr	+15 mg/hr	35 mg/hr	105 mg
2	03:00 hours – 05:00 hours	20 mg/hr	+5 mg/hr	25 mg/hr	50 mg
3	05:00 hours – 20:00 hours	20 mg/hr	0 mg/hr	20 mg/hr	300 mg
4	20:00 hours – 22:00 hours	20 mg/hr	+5 mg/hr	25 mg/hr	50 mg
5	22:00 hours – 24:00 hours	20 mg/hr	+15 mg/hr	35 mg/hr	~~105 mg~~70 mg

Table II

Please replace paragraph [43] with the following:

As can be seen in Table II, while it is easy for the medical professional programming drug infusion system 12 to determine the individual dosing rate and amount for a given interval, it is more difficult to determine the total dose provided to patient 10 over the entire programmed event schedule, such as a day or a twenty-four hour period. It is important for most drug delivery protocols to know the total daily dosage for a drug so that it can be compared with the maximum daily dose for each patient 10. Or alternatively, the medical professional may have in mind an intended daily dose for patient 10 and may program that dose as the maximum daily dose into drug infusion device 10. The total amount of drug actually delivered to patient 10 in one twenty-four hour period (midnight to midnight) is ~~610 milligrams~~ 575 milligrams. However, this is not easily recognizable from the programmed steps illustrated.

Please replace paragraph [45] with the following:

For example, with the complex dosing regimen specified in Table II, a total daily dose of ~~610 milligrams~~575 milligrams of drug would be provided to patient 10. If the maximum daily dose for patient 10, as determined by the medical professional and programmed into controller 32 using programmer 20, is 500 milligrams, then ~~110 milligrams~~75 milligrams of drug must be trimmed from the basal rate. In this case, the interval steps would provide a total of ~~310 milligrams~~235 milligrams of drug during the twenty-four hour period. Subtracting the ~~310 milligrams~~235 milligrams of drug to be provide by the interval steps from the maximum daily dose of 500 milligrams, leaves a total of ~~190 milligrams~~ 265 milligrams of drug to be delivered by the basal rate. Since there is a total of twenty-four hours in a day, the basal rate is then adjusted ~~12.66 milligrams (190 divided by 15)~~11.04 milligrams (265 divided by 24) per hour.

Please replace paragraph [46] with the following:

The resulting calculated basal rate could be implemented or, alternatively, could be communicated, e.g., displayed, to the medical professional via programmer 20 for confirmation or adjustment by the medical professional. Upon seeing that the programmed intervals steps has resulted in basal rate being cut from 20 milligrams per hour to ~~12.66 milligrams~~11.04 milligrams per hour, the medical professional may decide whether this result is acceptable or whether other adjustments are preferred. For example, the medical professional may decide to adjust one or more of the interval rates in order to maintain the basal rate at a previous higher rate. Alternatively, the medical professional could choose to increase the maximum dose to allow continuance of the 20 milligrams per hour basal rate.